

## SEQUENCE LISTING

&lt;110&gt; BIOMUNE COMPANY

<120> CHICKEN ANEMIA VIRUS VACCINE FROM CELL  
LINE

&lt;130&gt; 02108.0002P2

&lt;150&gt; 60/550,573

&lt;151&gt; 2004-03-05

&lt;160&gt; 2

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 2294

&lt;212&gt; DNA

&lt;213&gt; Chicken anemia virus

&lt;400&gt; 1

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gccccctcc	aacgagtggg	gcatgtacag	gggggtacgt	catcagtaca	gggggggtacg	180
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2294

&lt;210&gt; 2

&lt;211&gt; 786

&lt;212&gt; PRT

&lt;213&gt; Chicken anemia virus

&lt;400&gt; 2

Met	Ala	Arg	Arg	Ala	Arg	Arg	Pro	Arg	Gly	Arg	Phe	Tyr	Ala	Phe	Arg
1				5					10					15	
Arg	Gly	Arg	Trp	His	His	Leu	Lys	Arg	Leu	Arg	Arg	Arg	Tyr	Lys	Phe
			20					25					30		
Arg	His	Arg	Arg	Arg	Gln	Arg	Tyr	Arg	Arg	Arg	Ala	Phe	Arg	Lys	Ala
			35				40					45			
Phe	His	Asn	Pro	Arg	Pro	Gly	Thr	Tyr	Ser	Val	Arg	Leu	Pro	Asn	Pro
			50			55					60				
Gln	Ser	Thr	Met	Thr	Ile	Arg	Phe	Gln	Gly	Val	Ile	Phe	Leu	Thr	Glu
65					70					75					80
Gly	Leu	Ile	Leu	Pro	Lys	Asn	Ser	Thr	Ala	Gly	Gly	Tyr	Ala	Asp	His
				85					90					95	
Met	Tyr	Gly	Ala	Arg	Val	Ala	Lys	Ile	Ser	Val	Asn	Leu	Lys	Glu	Phe
			100					105					110		
Leu	Leu	Ala	Ser	Met	Asn	Leu	Thr	Tyr	Val	Ser	Lys	Ile	Gly	Gly	Pro
			115				120						125		
Ile	Ala	Gly	Glu	Leu	Ile	Ala	Asp	Gly	Ser	Lys	Ser	Gln	Ala	Ala	Glu
			130			135						140			
Asn	Trp	Pro	Asn	Cys	Trp	Leu	Pro	Leu	Asp	Asn	Asn	Val	Pro	Ser	Ala
145					150					155					160
Thr	Pro	Ser	Ala	Trp	Trp	Arg	Trp	Ala	Leu	Met	Met	Met	Gln	Pro	Thr
				165					170					175	
Asp	Ser	Cys	Arg	Phe	Phe	Asn	His	Pro	Lys	Gln	Met	Thr	Leu	Gln	Asp
			180					185					190		
Met	Gly	Arg	Met	Phe	Gly	Gly	Trp	His	Leu	Phe	Arg	His	Ile	Glu	Thr
			195				200					205			
Arg	Phe	Gln	Leu	Leu	Ala	Thr	Lys	Asn	Glu	Gly	Ser	Phe	Ser	Pro	Val
			210			215						220			
Ala	Ser	Leu	Leu	Ser	Gln	Gly	Glu	Tyr	Leu	Thr	Arg	Arg	Asp	Asp	Val
225					230					235					240
Lys	Tyr	Ser	Ser	Asp	His	Gln	Asn	Arg	Trp	Arg	Lys	Gly	Glu	Gln	Pro
				245					250					255	
Met	Thr	Gly	Gly	Ile	Ala	Tyr	Ala	Thr	Gly	Lys	Met	Arg	Pro	Asp	Glu
			260					265					270		
Gln	Gln	Tyr	Pro	Ala	Met	Pro	Pro	Asp	Pro	Pro	Ile	Ile	Thr	Ser	Thr
			275				280					285			
Thr	Ala	Gln	Gly	Thr	Gln	Val	Arg	Cys	Met	Asn	Ser	Thr	Gln	Ala	Trp
			290			295					300				
Trp	Ser	Trp	Asp	Thr	Tyr	Met	Ser	Phe	Ala	Thr	Leu	Thr	Ala	Leu	Gly
305					310					315					320
Ala	Gln	Trp	Ser	Phe	Pro	Pro	Gly	Gln	Arg	Ser	Val	Ser	Arg	Arg	Ser
				325					330					335	
Phe	Asn	His	His	Lys	Ala	Arg	Gly	Ala	Gly	Asp	Pro	Lys	Gly	Gln	Arg
				340				345					350		
Trp	His	Thr	Leu	Val	Pro	Leu	Gly	Thr	Glu	Thr	Ile	Thr	Asp	Ser	Tyr
			355				360					365			

Met	Gly	Ala	Pro	Ala	Ser	Glu	Leu	Asp	Thr	Asn	Phe	Phe	Thr	Leu	Tyr
370						375					380				
Val	Ala	Gln	Gly	Thr	Asn	Lys	Ser	Gln	Gln	Tyr	Lys	Phe	Gly	Thr	Ala
385					390					395					400
Thr	Tyr	Ala	Leu	Lys	Glu	Pro	Val	Met	Lys	Ser	Asp	Ser	Trp	Ala	Val
				405					410					415	
Val	Arg	Val	Gln	Ser	Val	Trp	Gln	Leu	Gly	Asn	Arg	Gln	Arg	Pro	Tyr
			420					425					430		
Pro	Trp	Asp	Val	Asn	Trp	Ala	Asn	Ser	Thr	Met	Tyr	Trp	Gly	Gly	Gln
		435					440					445			
Pro	Met	His	Gly	Asn	Asp	Gly	Gln	Pro	Ala	Ala	Gly	Gly	Ser	Glu	Ser
450						455					460				
Ala	Leu	Ser	Arg	Glu	Gly	Gln	Pro	Gly	Pro	Ser	Gly	Ala	Ala	Gln	Gly
465					470					475					480
Gln	Val	Ile	Ser	Asn	Glu	Arg	Ser	Pro	Arg	Arg	Tyr	Ser	Thr	Arg	Thr
				485					490					495	
Ile	Asn	Gly	Val	Gln	Ala	Thr	Asn	Lys	Phe	Thr	Ala	Val	Gly	Asn	Pro
			500					505					510		
Ser	Leu	Gln	Arg	Asp	Pro	Asp	Trp	Tyr	Arg	Trp	Asn	Tyr	Asn	His	Ser
		515					520					525			
Ile	Ala	Val	Trp	Leu	Arg	Glu	Cys	Ser	Arg	Ser	His	Ala	Lys	Ile	Cys
530						535					540				
Asn	Cys	Gly	Gln	Phe	Arg	Lys	His	Trp	Phe	Gln	Glu	Cys	Ala	Gly	Leu
545					550					555					560
Glu	Asp	Arg	Ser	Thr	Gln	Ala	Ser	Leu	Glu	Glu	Ala	Ile	Leu	Arg	Pro
				565					570					575	
Leu	Arg	Val	Gln	Gly	Lys	Arg	Ala	Lys	Arg	Lys	Leu	Asp	Tyr	His	Tyr
			580					585					590		
Ser	Gln	Pro	Thr	Pro	Asn	Arg	Lys	Lys	Val	Tyr	Lys	Thr	Val	Arg	Trp
		595					600					605			
Gln	Asp	Glu	Leu	Ala	Asp	Arg	Glu	Ala	Asp	Phe	Thr	Pro	Ser	Glu	Glu
610						615					620				
Asp	Gly	Gly	Thr	Thr	Ser	Ser	Asp	Phe	Asp	Glu	Asp	Ile	Asn	Phe	Asp
625					630					635					640
Ile	Gly	Gly	Asp	Ser	Gly	Ile	Val	Asp	Glu	Leu	Leu	Gly	Arg	Pro	Phe
				645					650					655	
Thr	Thr	Pro	Ala	Pro	Val	Arg	Ile	Val	Met	Asn	Ala	Leu	Gln	Glu	Asp
			660					665					670		
Thr	Pro	Pro	Gly	Pro	Ser	Thr	Val	Phe	Arg	Pro	Pro	Thr	Ser	Ser	Arg
		675					680					685			
Pro	Leu	Glu	Thr	Pro	His	Cys	Arg	Glu	Ile	Arg	Ile	Gly	Ile	Ala	Gly
690						695					700				
Ile	Thr	Ile	Thr	Leu	Ser	Leu	Cys	Gly	Cys	Ala	Asn	Ala	Arg	Ala	Pro
705					710					715					720
Thr	Leu	Arg	Ser	Ala	Thr	Ala	Asp	Asn	Ser	Glu	Ser	Thr	Gly	Phe	Lys
				725					730					735	
Asn	Val	Pro	Asp	Leu	Arg	Thr	Asp	Gln	Pro	Lys	Pro	Pro	Ser	Lys	Lys
			740					745					750		
Arg	Ser	Cys	Asp	Pro	Ser	Glu	Tyr	Arg	Val	Ser	Glu	Leu	Lys	Glu	Ser
		755					760				765				
Leu	Ile	Thr	Thr	Thr	Pro	Ser	Arg	Pro	Arg	Thr	Ala	Arg	Arg	Cys	Ile
770						775					780				
Arg	Leu														
785															